Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Monday 11 Jan 2021 until 23:59 on Tuesday 12 Jan 2021

Forecast Issued on Sunday 10 Jan 2021 at 17:21

Confidence: High for changeable conditions through the coming week and for Tuesday being a fine day, but lower with regard to timings and clearance of the various bands of precipitation.

Headline for Monday 11 Jan 2021: Cloudy with outbreaks of occasionally heavy rain. Strong to gale force westerly or southwesterly winds.

Mountain weather hazards on Monday 11 Jan 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Medium Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Cloudy	Cloudy	Heavy Rain	Light rain	Cloudy	Heavy Rain	Heavy Rain
Precipitation probability							
20%	30%	30%	70%	70%	30%	90%	>95%

Forecast for Monday 11 Jan 2021

Weather: A few clear spells at first, but generally cloudy through the early hours with outbreaks of rain. Then a cloudy day with further outbreaks of occasionally heavy rain, with a risk of sleet or wet snow on the higher summits during the late evening.

Chance of cloud free mountain/hill tops above 600m: Around 25% at times, especially in east, otherwise little chance.

Visibility: Persistent low cloud above 450-600m, but cloud more broken at times, especially in the east. Below the cloud visibility hazy becoming just a few kilometres in heavier rain

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Mountain Weather Forecast

Forecast for Monday 11 Jan 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	23/34 W	25/36 W	27/39 W	26/39 SW	30/45 SW	31/46 W	25/39 W	21/32 W	16/24 NW
300	14/29 W	15/32 W	15/34 W	19/38 SW	19/40 SW	21/43 W	17/35 W	14/30 W	12/24 NW
Valley	10/25 W	14/31 W	14/32 W	14/32 SW	16/35 SW	17/35 W	15/34 W	13/28 W	9/21 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-5	2/-5	2/-5	2/-5	3/-4	4/-3	4/-2	3/-3	2/-3
300	4/-0	4/-1	4/-1	4/-1	4/-1	6/1	6/1	5/1	4/0
Valley	5/2	5/1	6/2	6/2	6/2	7/3	7/3	6/3	6/3
Freezing Level*	900m	900m	900m	1000m	1400m	1300m	1200m	1100m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts around 55mph over ridges and summits.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 10 Jan 2021	3.2mm	5.2mm	7.4mm

Forecast for Tuesday 12 Jan 2021

Weather: Outbreaks of rain, sleet and, increasingly above 600m, snow clearing through the early hours. Then a dry day with almost unbroken sunshine. Cloud, above the summits, increasing through the evening but remaining dry.

Maximum wind: Northerly or northwesterly 20mph, gusts 35mph over ridges and summits, through the early hours, decreasing 10-15mph through the morning.

Chance of cloud free mountain/hill tops above 600m: Little chance through much of the night becoming 100% by dawn with little or no cloud expected below the summits through daylight hours.

Visibility: Periods or persistent cloud above 450-600m at first clearing by dawn. Visibility through the day very good with some good panoramic views.

Temperature: **Valleys:** Around Zero Celsius at dawn rising to plus 4 Celsius by day.
At 600m: Falling by dawn to minus 3 Celsius, and remaining close to this through the day
Freezing level: Above the summits falling to less than 300m by, or soon after, dawn..

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